

**FAIRFAX COUNTY, VIRGINIA**  
**Environmental Improvement Program (EIP)**  
**Section D: Summary of Actions**  
**Fiscal Year 2007**

**Prepared September, 2005**

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**NOTE: EACH EIP ACTION IS ASSIGNED A UNIQUE IDENTIFICATION NUMBER, BEGINNING WITH “EIP07” TO REFLECT THE FY 2007 ORIENTATION OF THIS DOCUMENT. THE “EIP07” IS FOLLOWED BY A TWO-LETTER ABBREVIATION FOR THE THEME AREA UNDER WHICH THE ACTION IS LISTED (E.G., “GL” FOR “GROWTH AND LAND USE”). FOR EACH THEME, ACTIONS ARE IDENTIFIED AS BEING EITHER COMPLETED (CATEGORY A), UNDER WAY (CATEGORY B), OR NEW (CATEGORY C).**

**THIS SUMMARY OF ACTIONS OMITTS THE “EIP07” PREFACE FROM EACH ACTION.**

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**PRIORITIZATION NOTES:**

**ONLY PROJECTS AND PROGRAMS INVOLVING ADDITIONAL RESOURCE NEEDS ARE PRIORITIZED. POLICY EFFORTS ARE NOTED WITH AN “N/A,” AS ARE PROJECTS AND PROGRAMS THAT HAVE BEEN FUNDED OR COMPLETED AND THAT REQUIRE NO FOLLOW-UP ACTIONS.**

**PRIORITY I: THE PROJECT OR PROGRAM IS READY TO BE INITIATED IN FY '07.**

**PRIORITY II: THE PROJECT OR PROGRAM IS NOT IMMEDIATELY IMPLEMENTABLE BUT PERHAPS COULD BE INITIATED IN FY '08**

**PRIORITY III: IMPLEMENTATION TIMING IS UNKNOWN—THE PROJECT OR PROGRAM SHOULD BE CONSIDERED TO BE LONG-TERM IN NATURE**

# **I. GROWTH AND LAND USE (GL)**

<b>Title of Action (with description as needed)</b>	<b>Status</b>	<b>Funding Needs</b>	<b>Priority</b>
<b>GL-A. Completed Actions</b>			
<b>GL-A-1: Cluster Subdivision Amendments</b>	Completed. Status reports to be provided. Possible follow-up actions	Existing Staff Resources	N/A
<b>GL-A-2: PRM Zoning District</b>	Consider adding SE uses to the PRM District	Existing Staff Resources	N/A
<b>GL-A-3: Plan Amendments Supporting Transit-Oriented Development</b>	Several Amendments have been adopted. See also EIP-GL-B-2 and EIP-GL-B-3 for related ongoing actions.	Significant staff effort for zoning reviews, but no new positions needed	N/A
<b>GL-B. Actions Under Way</b>			
<b>GL-B-1: Planned Development District Zoning Ordinance Amendment</b> (tree preservation and open space issues)	To be considered in CY 2005. Follow-up educational activities anticipated.	Existing Staff Resources	N/A
<b>GL-B-2: Tysons Corner Transportation and Urban Design Study</b>	Consultant work in progress; coordinating committee established; public hearing on Plan Amendment based on study findings anticipated in late spring, 2006	\$925,000-\$1,115,000	N/A
<b>GL-B-3: Provision of Housing in Employment Centers: Area Plan Amendments and Rezoning</b>	Continued efforts to implement and refine the Plan are anticipated	\$1,100,000 (annual) (approx. ½ of Planning Div. budget)	N/A
<b>GL-B-4: Pedestrian-Oriented Neighborhood Commerce: Plan Implementation</b>	Continued efforts to implement and refine the Plan are anticipated	Part of the broader funding per GL-B-3.	N/A
<b>GL-B-5: Adequate Infrastructure Legislation</b>	County support for legislation in the past; efforts anticipated to continue	Existing staff resources	N/A
<b>GL-B-6: Review of Federal NEPA Reports and State Environmental Impact Reports</b>	Ongoing	Existing staff resources, but reviews are sometimes extensive	N/A
<b>GL-C. New Actions</b>			
<b>GL-C-1: Future Planned Development District Zoning Ordinance Amendment</b> (expand number of uses allowed, as well as densities/intensities)	Not currently on Zoning Ordinance Work Program	TBD (existing staff resources)	N/A
<b>GL-C-2: Residential Compatibility Zoning Ordinance Amendment</b> (consider measures such as max. lot coverages, residential FARs, etc.)	On Priority 2 list of the 2005 ZO Amendment Work Program.	Substantial staff resource needs; but to use existing resources	N/A

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## **II. AIR QUALITY AND TRANSPORTATION (AQ)**

<b>Title of Action (with description as needed)</b>	<b>Status</b>	<b>Funding Needs</b>	<b>Priority</b>
<b>AQ-A. Completed Actions</b>			
<b>AQ-A-1: Air Quality Program Manager Position</b>	Established and filled in FY 2005	In Health Dept. budget	N/A
<b>AQ-A-2: South County Bus Plan</b> (Enhancement of bus service throughout southern Fairfax County)	Significant increase in service in Richmond Hwy. corridor in Fall 2004. Since implementation, ridership on Richmond Hwy. has increased 21 percent.	FY 05 cost: \$4,100,000 and DOT Staff Support	N/A
<b>AQ-A-3: School Bus Exhaust Retrofit</b>	Completed retrofit of 1,012 school buses.	None (completed)	N/A
<b>AQ-B. Actions Under Way</b>			
<b>AQ-B-1: EZ Bus</b> (alternative means of access to the Burke Center VRE Station)	Initiated in December 2003; continues as an annual program. Has eliminated 182 vehicle trips per day and reduced vehicles miles traveled by 5,915 daily.	\$396,000 Annually and DOT Staff Support	N/A
<b>AQ-B-2: Employer Services Program</b> (Assistance to employers in providing incentives for carpoolers and encourage transit and Transportation Demand Management (TDM) measures)	Initiated in 1997 to assist employers within Fairfax Co. to establish on-site Employee Transp. Projects to reduce single occupancy vehicle travel. A component of the regional Transp. Emissions Reduction Measures.	\$170,000 Annually and DOT Staff Support	N/A
<b>AQ-B-3: Ridesources Program</b> (Encourages van and carpooling through computer match service; supports regional transit use, TDM measures and teleworking.)	Promotes specific marketing campaigns and provides free ridematching to Co. residents and to employees who work at employment sites within the county.	\$350,000 Annually and DOT Staff Support	N/A
<b>AQ-B-4: Metrochek Program</b> (Pays county employees in the Government Center Complex up to \$60 each per month to use public transit or ridesharing.)	This program has received funding in FY 06 to expand countywide for all county employees.	\$252,900 Annually and DOT Staff Support	N/A
<b>AQ-B-5: Residential Traffic Administration Program</b> (Provides a traffic calming component which enhances pedestrian safety and mobility by providing for the installation of physical devices for slowing the speed of traffic in residential areas.)	Through FY 05, 39 traffic-calmed residential roads have been approved or are in the approval process, and 36 traffic-calming and cut-through restriction projects are in the community planning and approval phases.	\$200,000 Annually and DOT Staff Support	N/A
<b>AQ-B-6: Transit Shelter Program</b> (Provides for transit stop amenities, such as new shelters, pads, and benches.)	Through FY 05, 135 bus shelters have been installed and an additional 10 are in the planning stage.	\$250,000 Annually and DOT Staff Support	II

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Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>AQ-B-7: Bus Stop Inventory and Safety Recommendations</b> (To identify pedestrian access improvements needed at bus stops to promote transit usage and enhance pedestrian mobility and safety.)	Study was conducted by a consultant. Additional funding will be needed to implement actual recommended improvements.	\$1,200,000 and DOT Staff Support	II
<b>AQ-B-8: Richmond Hwy. Public Transportation Initiative</b> (Establishing major and minor transit centers; improving bus stops; establishing additional park-and-ride facilities; and significantly improving pedestrian safety and access to the transit facilities.)	Started in 2002, the program continues planning, funds acquisition and initiative implementation by a team of county staff.	\$18.2 million has been received and an additional \$36.8 million is projected to complete the initiative and DOT Staff Support	I
<b>AQ-B-9: Air Quality Outreach</b>	Ongoing	Will request \$15,000 at carryover for FY2006.	I
<b>AQ-B-10: Dulles Corridor Metrorail</b> (Extend Metrorail from the Vicinity of West Falls Church Metrorail Station to Tysons Corner, Dulles Airport and Loudoun County.)	Phase I (to Wiehle Avenue) in Preliminary Eng.-- opening scheduled for 2011. Opening Year ridership projected to be 62,800. Phase II projected opening to Dulles Airport is in 2015.	Total Capital Cost is \$3.5 billion; Phase I cost is \$1.5 billion and DOT Staff Support	N/A
<b>AQ-B-11: Alternative Fuels Clean Cities Partnership</b>	Continued membership	Existing Staff Resources	N/A
<b>AQ-B-12: Telework Initiatives</b>	Continue Telework Exp. Project to reach goal of 1,000 teleworkers by 12/31/05. In 5/05, there were over 800 teleworkers; almost every co. dept. has teleworkers.	Included in agency budgets	N/A
<b>AQ-B-13: Purchase of Wind Power</b>	2-year contract in place for 5% of county's electricity	\$179,000 from FY 2004 Carryover	N/A
<b>AQ-B-14: Participation on Metro. Wash. Air Quality Comm.</b>	Active participation by BOS reps and staff	None	N/A
<b>AQ-B-15: Purchase of Hybrid Drive Vehicles</b>	Purchasing hybrids as scheduled replacements for conventional light vehicles where mission permits	Absorbing cost in Vehicle Replacement Fund	N/A
<b>AQ-B-16: Support for Reductions in Ozone Transport</b>	Letter from BOS and coordination with MWAQC	None	N/A
<b>AQ-B-17: Reduced Vehicle Idling</b>	Several actions in place to reduce truck and bus idling	None	III
<b>AQ-B-18: Board of Supervisors Four-Year Transportation Plan</b> (includes funds for a variety of projects and initiatives, such as major highway and transit projects, spot capacity and safety intersection improvements, pedestrian improvements throughout the county, and other initiatives.)	Many of the projects included in the plan are in the design phase, while others are under way. Bus Service in the Richmond Highway corridor has been restructured, resulting in a 21.5 percent increase in ridership. Other pedestrian safety, traffic control, and road improvements continue moving forward.	\$50 million in federal (RSTP) and (CMAQ) funds, as well as \$165 million in county general obligation (G.O.) and DOT staff support. The total funding is \$215 million	N/A

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Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>AQ-B-19: Fairfax Connector Emissions Reduction Program</b>	Implementation of the Emissions Reduction Program will decrease air pollution contributed by transit buses through the use of new technologies and innovative bus idling program changes. Combined, these changes will result in an 1% reduction in vehicle exhaust emissions.	Board of Supervisors approved \$1,630,000	N/A
<b>AQ-B-20: Transit Program Improvements</b> (provided by Fairfax Connector Bus, Metrobus, Metrorail, MetroAccess, CUE Bus, and Virginia Railway Express [VRE].)	Service enhancements through implementation of new technologies, customer care initiatives and implementation of bus service such as “Richmond Highway. Express” (REX), as well as funding support for Metro and VRE system improvements and CUE bus service.	\$23.06 million for Fairfax Connector, and \$47.7 million for Metrobus and Metrorail service, and \$3.42 million for VRE commuter rail service.	II
<b>AQ-B-21: Heavy Diesel Truck Exhaust Retrofit</b>	Install diesel oxidation catalyst on all class 8 diesel trucks with 3 years remaining life	No new funding (funded by EPA grant and FY 2003 Carryover)	N/A
<b>AQ-C. New Actions</b>			
<b>AQ-C-1: Fuel Economy and Emissions Standards</b> (Develop a fed. advocacy strategy, within the context of MWAQC, to increase fuel economy and emission standards for cars and light trucks.)	Not under way.	Existing Staff Resources	N/A
<b>AQ-C-2: Annual Assessment of Alternative Fuel Vehicle Technology</b>	Not under way.	No new staff required.	N/A

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### **III. WATER QUALITY**

<b>Title of Action (with description as needed)</b>	<b>Status</b>	<b>Funding Needs</b>	<b>Priority</b>
<b>WQ-A. Completed Actions</b>			
<b>WQ-A-1: Strengthened SWM Submission Requirements</b> (Zoning Ord. amendment re SWM info. for RZ, SE, and SPs)	Amendment adopted. Improved coordination between DPWES and DPZ under way	None	N/A
<b>WQ-A-2: Stream Physical Assessment</b> (Baseline stream condition info. supports watershed protection and restoration.)	Periodic updates of information will be needed	Updates every 3 to 5 years. \$200,000 to \$500,000 in consultant assistance.	II
<b>WQ-A-3: Perennial Stream Mapping and Resource Protection Area Expansion</b> (Mapping tool for perennial streams)	Mapping is complete and buffers have been delineated	None	N/A
<b>WQ-A-4: Stormwater Needs Assessment</b> (Evaluation of current stormwater management services and funding needs.)	Completed. On-going program monitoring	Staff resources dedicated for monitoring implementation.	N/A
<b>WQ-A-5: Occoquan Watershed Planning and Zoning</b>	Completed, with ongoing support.	None.	N/A
<b>WQ-B. Actions Under Way</b>			
<b>WQ-B-1: Watershed Management Planning</b> (Development of comprehensive watershed management plans for all watersheds)	Three to four additional years needed to complete all plans (by 2009)	\$7,500,000 to be encumbered in FY 2006	I
<b>WQ-B-2: Stormwater Management Reviews During the Zoning Process</b> (DPWES involvement in SWM reviews process; support stream protection and better site design Plan objectives)	In progress and ongoing	\$110,000 annually for staff time; no new positions needed at this time.	I
<b>WQ-B-3: Stormwater Management Implementation Plan</b> (Ongoing implementation of the expanded stormwater program.)	FY 2006 program plan initiates expanded reinvestment and broadened program initiatives	Current program defined at \$34 million with potential of \$500 to \$800 million in CIP needs	I

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Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>WQ-B-4 : Development of Amendments to County Codes and Regulations to Facilitate Low Impact Development</b> (Development of LID practices and adoption in the PFM)	On-going A complete analysis of additional tools as well as a review of ordinances and regulations to be completed.	\$250,000 for consultant	N/A
<b>WQ-B-5: Low Impact Development (LID) Design Manual</b>	Fairfax County will partner with regional organizational to develop a manual on LID practices.	\$100,000	I
<b>WQ-B-6: Low Impact Development (LID) Demonstration Projects</b> (Being pursued at four locations.)	Projects are in various stages of completion. Additional projects will be targeted.	\$300,000 has been funded with \$150,000 in-kind contributions. FY 06 - \$250,000 new funds.	I
<b>WQ-B-7: Stormwater Retrofits</b> (Identification and implementation of retrofits to existing stormwater facilities)	Opportunities for retrofit of existing facilities are being identified in the Watershed Plans.	Resources will vary depending on each project identified.	I
<b>WQ-B-8: Mitigation Requirements for BMP Waiver Approvals</b>	This is an on-going process and will involve periodic reviews of policies and accomplishments.	Staff time is incorporated into current workload efforts.	N/A
<b>WQ-B-9: Riparian Buffer Restoration</b> (To restore buffers initially at seven sites, with 40 sites targeted.)	Established in March, 2005. On-going	\$300,000 funded to date.	I
<b>WQ-B-10: Stream Stabilization and Restoration Projects</b> (Implementation of projects to restore and/or stabilize stream conditions that improve the overall health of the natural system.)	Projects are being identified in the Watershed Planning Process and will be implemented through the Stormwater Program Implementation Plan	Typical cost of stream restoration projects is \$200 per linear foot of streambank.	I
<b>WQ-B-11: Septic System Tracking and Assistance Program</b> (Health Department program to development on-site systems and track performance.)	On-going with need to expand services to address alternative systems.	7 SYE needed to develop sustainable program at cost of \$450,000	II
<b>WQ-B-12: Erosion and Sediment Control Inspections—Compliance with New Mandates</b>	State regulations will be developed over the next 12 months and will define county requirements.	Fees will be established to recover the cost of the program.	II
<b>WQ-B-13: Soil Survey</b>	Fairfax and NVSWCD are working together to complete a soil survey of the entire county. The project should be completed in 2008.	Current funding of \$780,000 should complete the project as planned.	I
<b>WQ-B-14: Soil and Water Quality Conservation Planning for Horse Operations and Other Land in Agriculture</b>	NVSWCD assist local agriculture land owners in the development of soil and water conservation planning.	Resources are budgeted in the NCSWCD annual work plan.	I

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Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>WQ-C. New Actions</b>			
<b>WQ-C-1: Watershed Management Planning: Policy Review</b> (Review countywide policy recs. from watershed management plans and pursue Plan and ordinance amendments as appropriate.)	To be pursued after completion of five watershed management plans—starting in CY 2006	To come from SWM program budget, with possible resource needs from other agencies	N/A
<b>WQ-C-2: SWM reviews during the Plan Amendment Process</b> (Development of an SOP)	DPWES reviews occur on an ad hoc basis only; no standardized process developed	Minimal but incremental--staff time is required.	N/A
<b>WQ-C-3: Comprehensive Review of the County's Code and Zoning Requirements</b> (ID regulatory impediments and policy conflicts re: better site design principles)	This has not been initiated. Consideration of various approaches is being evaluated.	Depending on approach this will require staff and external resources (\$100,000 to \$350,000)	N/A
<b>WQ-C-4: Review of Standards and Guidelines for SP, SE, and Public Uses in the R-C District</b>	Not yet initiated.	TBD, but substantial staff resources to be needed	N/A

## **IV. SOLID WASTE (SW)**

Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>SW-A. Completed Actions</b>			
<b>SW-A-1: Provide Convenient Access to Recycling Bins</b>	Base assignment completed. Also coordinating w/ FMD to add container recycling at <u>all</u> county buildings.	Existing Staff Resources	N/A
<b>SW-A-2: Reduce Idling Times for Trucks Waiting to Dispose of Waste at I-66 Transfer Station</b> (Installation of extra scales)	Assignment completed.	Cost covered under existing operating budget.	N/A
<b>SW-B. Actions Under Way</b>			
<b>SW-B-1: Pollution Prevention (P2) Program - E/RRF Emission Controls</b>	Pollution control at E/RRF is genuinely state-of-the-art. Emphasis now focused on preventing constituents of concern from entering the E/RRF all together.	\$1,530,000 per year. Future plans will require additional \$50,000 for P2/outreach programs	I
<b>SW-B-2: Expand Recycling Programs</b>	In progress and ongoing	\$100,000 per year. Program expansions may increase annual costs to \$500,000	I

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Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>SW-B-3: Encourage Use of Recycled Products through Environmentally Preferable Purchasing (EPP)</b>	Application by DPWES/DPSM for USEPA funding denied. Team is evaluating options.	\$50,000 per year	II
<b>SW-B-4: Increase County Use of Recycled Products</b> - Update and expand scope of relevant county Procedural Memoranda (PM)	In progress and ongoing	\$10,000 per year	I
<b>SW-B-5: Improve County Control of Solid Waste</b>	In progress and ongoing	\$25,000 per year, projected to increase to \$100,000	I
<b>SW-C. New Actions</b>			
New actions not yet developed.			

## **V. PARKS, TRAILS, AND OPEN SPACE (PT)**

Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>PT-A. Completed Actions</b>			
None identified at this time.			
<b>PT-B. Actions Under Way</b>			
<b>PT-B-1: 10-Year Pedestrian Capital Plan</b> Development of a safety awareness campaign and 10-year pedestrian capital plan by a pedestrian task force	Capital plan to be completed in 2005; funding to be sought to implement	\$2,000,000	I
<b>PT-B-2: Trail Projects/Pedestrian Improvements</b>	An annual fund of at least \$2,000,000 should be dedicated for funding of missing links to the sidewalk and trail system.	\$2,000,000 per year	I
<b>PT-B-3: Pedestrian Improvements in the Four Year Transportation Plan</b>	Program to continue	\$11,000,000 over four years (funded)	N/A
<b>PT-B-4: Pedestrian Improvements as Part of the State's Secondary Construction Program</b>	Improvement projects to be carried out through the State's Secondary Construction Program	\$4,000,000	N/A
<b>PT-B-5: Trails Inventory and Planning</b>	Continued updates to existing trails map anticipated	Costs being absorbed into current budget. Substantial funding needed for construction	III

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Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>PT-B-6: Develop Cross County Trail</b>	Trail will be completed in CY 2005. Improvements and connections will be needed	\$5,500,000 allocated; an additional \$1-2 million needed	I
<b>PT-B-7: Park Authority Trail System</b>	An additional 75 miles of trail are needed in the park system during the next ten years.	Approx. \$75 million needed over next ten years	I
<b>PT-B-8: Interpretive Signs Along FCPA Trail System</b>	Signs along the cross county trail are being developed through grant funding	\$500,000-\$1,000,000	N/A
<b>PT-B-9: FCPA Urban Pocket Parks</b>	Ongoing, as opportunities are available through funding and proffer commitments	Open ended. \$10,000,000 will develop 2-3 pocket parks	II
<b>PT-B-10: Parks and Recreation Needs Assessment Process</b>	Should be carried out every 5-7 years; implementation of needs through the Capital Improvement Program	\$300,000 to conduct assessment in 2000; similar needs in the future. See PT-B-11 for implementation.	III
<b>PT-B-11: Parks and Recreation Needs Assessment Implementation</b>	\$111,838,000 identified needs for short term; \$377,000,000 identified for long-term. Approved 2004 Park Bond will provide for some of the short term needs (\$13,250,000 for 4 years)	A balance of \$33,583,995 is needed for near term park development.	II
<b>PT-B-12: Parkland Acquisition</b>	Ongoing. FCPA is currently pursuing up to 40 parcels for various types of open space uses.	\$13,254,000 for near-term acquisition needs	I
<b>PT-B-13: Open Space Easements/ NVCT partnership</b>	Ongoing. Roughly \$250,000 has been allocated annually to NVCT to support this partnership.	\$250,000 + per year	N/A
<b>PT-B-14: Park Authority Conservation Easement Initiatives</b>	Ongoing.	\$12,050,000	II
<b>PT-B-15: FCPA NRMP Implementation—Resource Inventories</b> (Site specific natural resource management plans and inventories as part of master planning and land acquisition activities)	Current efforts include inventories during the master planning process but do not support the full range of NRMP-related inventory and management plan activities.	\$370,000 annually One-time funding would also allow for significant progress.	I
<b>PT-B-16: FCPA NRMP Implementation—GIS/Resource Data/Green Infrastructure</b>	Green Infrastructure Model complete and in use by FCPA. Efforts under way to improve the model with FY 2005 carryover funds.	\$180,000 in FY 2005 carryover allocated. An additional \$140,000 needed per year	II
<b>PT-B-17: FCPA NRMP Implementation—Encroachment Enforcement</b> (Detection, enforcement, and elimination of unauthorized encroachments into FCPA land)	FCPA has tens of thousands of neighbors, some of whom have encroached, either intentionally or not, into park property. While some enforcement occurs, there is currently not a dedicated enforcement team on FCPA staff	\$150,000 per year One-time funding would also allow for significant progress.	I

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<b>PT-B-18: FCPA NRMP Implementation—Water Resource Protection</b>	The Park Authority pursues stream improvement projects and is actively seeking opportunities for LID funding. Additional funding would allow for more of these projects to occur.	\$150,000 in FY 2005 carryover allocated. An additional \$1,000,000 annually needed	II
<b>PT-B-19: FCPA NRMP Implementation—Education</b>	The Park Authority provides education and outreach in a variety of ways. A dedicated program for stewardship education would allow FCPA to leverage the resources to educate residents about stewardship.	\$135,000 in FY 2005 carryover allocated. An additional \$300,000 per year needed. One-time funding would also allow significant progress.	I
<b>PT-C. New Actions</b>			
<b>PT-C-1: Analysis of Developed/Undeveloped Land Within the FCPA Park System</b>	Not initiated	\$300,000	III
<b>PT-C-2: FCPA NRMP Implementation—Invasive Plant Control</b> (in county parklands)	Not initiated.	\$240,000 per year minimum	I
<b>PT-C-3: FCPA NRMP Implementation—Boundary Survey and Marking</b>	Not initiated	\$220,000 per year for at least several years	II
<b>PT-C-4: FCPA NRMP Implementation—Stewardship Maintenance</b> (A resource management toolbox.)	Resource management activities are occurring, but not to the extent recommended in the NRMP.	\$400,000 in annual funding	I

## **VI. ENVIRONMENTAL STEWARDSHIP (ES)**

Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>ES-A. Completed Actions</b>			
<b>ES-A-1: World Water Monitoring Day</b>	30 participants attended the October, 2004 event. This is not an established annual event, however may be co-hosted again by DPWES, Earth Sangha, and Northern Virginia Soil and Water Conservation District	Stormwater Program staff support may be provided to address these activities in the future.	N/A
<b>ES-A-2: Master Watershed Stewardship Certification Program</b>	60 people “graduated” from the first program; required attendance at educational sessions as well as volunteer efforts. Follow-up programs being developed.	Follow-up programs may be considered--would require staff time and funding TBD.	N/A

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**PRIORITY II: THE PROJECT OR PROGRAM IS NOT IMMEDIATELY IMPLEMENTABLE BUT PERHAPS COULD BE INITIATED IN FY '08**

**PRIORITY III: IMPLEMENTATION TIMING IS UNKNOWN—THE PROJECT OR PROGRAM SHOULD BE CONSIDERED TO BE LONG-TERM IN NATURE**

Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>ES-B. Actions Under Way</b>			
<b>ES-B-1: Global Rivers Environmental Education Network (GREEN) Program—Earth Force</b> Technical support to a program that teaches young people to assess the quality of their local water resources	DPWES will continue to provide technical support when necessary to Earth Force. To date, there have been 25 participants; more are expected in the future.	No additional funding needed for current effort.	I
<b>ES-B-2: Volunteer Stream Monitoring Programs</b>	DPWES to continue to provide technical support. NVSWCD provides primary program management for volunteers coordination.	DPWES staff will continue to support this effort as well as NVSWCD.	I
<b>ES-B-3: FCPA Stream Monitoring and Restoration Outreach Activities</b>	Efforts are expanding through student involvement at two sites. May be expanded at others.	Future costs TBD	I
<b>ES-B-4: Watershed Management Community Advisory Committees</b>	Committees to be established for all 15 watershed plan processes. In the long term, these groups may be networked to monitor plan implementation.	These costs have been included in WQ-B-1.	I
<b>ES-B-5: Semi-Annual Watershed Cleanups</b> (DPWES in partnership with other local agencies support on-going efforts to improve the health of Fairfax County streams by participating in semi-annual cleanup activities.)	Semiannual events with approx. 600 participants countywide. Annual events to continue to be supported.	No additional funding needed for current efforts.	I
<b>ES-B-6: Fairfax Watershed Network</b> (Orgs., agencies, and individuals that supporting/promoting stream/watershed improvement & protection through outreach and education efforts.)	Staff will continue to support the Network's efforts.	Staff time will continue at current level of involvement. No new resources needed.	I
<b>ES-B-7: Encourage Citizen-Based Watershed Stewardship</b> (a biannual Watershed Clean-Up Day program to provide hands-on experience to county residents. Activities could be expanded.)	20 to 300 people per event. Effort to continue; several areas of expansion of this program are suggested (e.g., purchase of watershed models for demonstrations)	\$4,000 needed to support program expansion	II
<b>ES-B-8: Involve Children in Projects that Respect, Protect and Enhance the Environment</b> (Collaboration on hundreds of educational programs presented in parks each year; related class projects and volunteer opportunities for students)	This collaborative effort will continue.	TBD	II

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Title of Action (with description as needed)	Status	Funding Needs	Priority
<b>ES-B-9: FCPA “Adoption” Program for Natural Areas Such as Parks, Trails and Stream Valleys</b>	FCPA to explore how to develop a more comprehensive program for adoption of natural areas. Potential to increase children/student involvement through adoption of natural resource management projects by schools.	No additional cost for current efforts; TBD for expanded efforts. Additional staff to manage groups that adopt parks/projects may be needed.	II
<b>ES-B-10: Storm Drain Marking-Pollution Prevention Program</b>	On-going effort through the NVSWCD using volunteers provided with materials and technical direction.	Resources are budgeted in the NVSWCD annual work plan.	I
<b>ES-B-11: Education and Outreach on Watershed Issues</b>	NVSWCD continues to provide a number of education initiatives on watershed and stream protection needs.	Resources are provided in the annual work plan of NVSWCD.	I
<b>ES-C. New Actions</b>			
New actions not yet developed.			

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